

Proposal Full View

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Applicant Information

Organization Name City of Rancho Palos Verdes *

Tax ID **952867872**

Proposal Name San Ramon Canyon Stormwater Flood Reduction Project *

Proposal Objective The San Ramon Canyon Stormwater Flood Reduction Project will help achieve a number of the objectives of the Greater Los Angeles Area IRWMP. The project's primary objective is to manage stormwater runoff to reduce flood damage, a key objective of the IRWMP in maintaining and enhancing public infrastructure related to flood protection, water resources and water quality. In support of that objective the project will also divert moderate and heavy stormwater flows away from highly-erodible canyon walls, which will reduce or eliminate undermining of an arterial roadway, reduce or eliminate sediment and debris transport onto a primary access road, and reduce or eliminate risk of mudflows (up to a 500-year event) through a mobile home neighborhood of 500 residents. The project will also improve stormwater runoff by routing "first flows" over existing natural streambeds, and it will restore habitat by protecting the existing streambed and surrounding ecosystem. *

Budget

Other Contribution	\$0.00
Local Contribution	\$9,464,728.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$9,464,727.00 *
Total Project Cost	\$18,929,455.00 *

Geographic Information

Latitude * DD(+/-) 34 MM 3 SS 18

Longitude * DD(+/-) -118 MM 13 SS 48

Longitude/Latitude Clarification Location Center of GLAC
IRWM Region

County Los Angeles *

Ground Water Basin Coastal Plain Of Los Angeles-West Coast

Hydrologic Region South Coast

Watershed Santa Monica Bay Watershed

Legislative Information

Assembly District 54th Assembly District *

Senate District 25th Senate District *

US Congressional District District 46 (CA) *

Project Information

Project Benefits Information

Project Name San Ramon Canyon Stormwater Flood Reduction Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	62	San Ramon project will eliminate or reduce the likelihood of inundation of primary roadway and 242 mobile homes by diverting storm flows around vulnerable areas.
Primary	Erosion Control-Land Erosion	10	San Ramon project will restore and stabilize canyon walls on both sides to protect against further slope failure beneath residential neighborhood and major arterial road.
Primary	River Channel Restoration	1.61	San Ramon project will restore canyon bottom previously eroded by flood water forces and stabilize new streambed to manage remaining flows without stream undercutting.
Primary	Sediment Removal-Amount removed	910	San Ramon project will reduce or eliminate sediment and debris that normally would overwhelm the storm drain inlet at PVDS/25th Street, requiring the City to provide clean up three to four times per year.

Primary	Emergency Response	0	San Ramon project will allow year-round emergency vehicle access via roadway previously subject to flooding.
Secondary	New/Improved Coastal Access	0	San Ramon project will provide a gateway entry to undeveloped open space parcel and will add improved trail to City's inventory of maintained trails to improve access to bluff top and casual beach trails.
Secondary	Trail construction/Improvement	0.32	San Ramon project will improve casual trail to include in City's inventory of maintained trails in this open space parcel. Trail will lead from roadside parking area to bluffs overlooking the ocean and provide access to informal bluff trails to beach.
Secondary	Other-Environmental Restoration	4.83	San Ramon project will restore canyon area with native planting, hydro-seeding and a 5-year maintenance plan.
Secondary	Stormwater Flood-Water Quality Improvement	88	San Ramon project will prevent sediment transport to ocean by diverting runoff from 124-acre watershed away from highly-erosive canyon walls. Debris flows will cease. "Clear" water will be delivered to the ocean.

Budget

Other Contribution	0
Local Contribution	9464728
Federal Contribution	0
Inkind Contribution	0
Amount Requested	9464727
Total Project Cost	18929455

Geographic Information

Latitude DD(+/-)	33	MM 43	SS 38
Longitude DD(+/-)	-118	MM 19	SS 41
Longitude/Latitude Clarification	Location The project is located in San Ramon Canyon, just north of Palos Verdes Shores Mobile Home		

County	Los Angeles
Ground Water Basin	
Hydrologic Region	South Coast
WaterShed	Santa Monica Bay W

Legislative Information

Assembly District	54th Assembly District
Senate District	25th Senate District
US Congressional District	District 46 (CA)

Section : Applicant Information Question Tab**APPLICANT INFORMATION QUESTION TAB****Q1. PROPOSAL DESCRIPTION**

Provide a brief abstract of the Proposal, including a listing of individual project titles or types.

The San Ramon Canyon Stormwater Flood Reduction Project consists of one project to construct an alternative storm drain system to reduce canyon erosion and debris flows carried by stormwater runoff. Construction consists of a mid-canyon inlet structure, located slightly up-stream of the highly-erodible walls adjacent to Palos Verdes Drive East. The inlet structure will be connected to a shoreline outfall with a 3,900-foot-long, 54-inch pipe in a ???tunnel alignment??? that terminates below the oceanfront bluffs in Rancho Palos Verdes.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Ray Holland, Director of Public Works, City of Rancho Palos Verdes, 310-544-5252, rayh@rpv.com

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Andy Winje, Associate Engineer, Department of Public Works, City of Rancho Palos Verdes, 310-544-5249, andyw@rpv.com

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

City of Rancho Palos Verdes, 30940 Hawthorne Blvd., Rancho Palos Verdes, CA 90275, Andrea Owen, 949-525-5674 aowen@blaisassoc.com

Q5. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

Los Angeles Sub-Region

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD

(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Los Angeles

Q7. ELIGIBILITY

Is the application from an IRWM planning region approved in the RAP (See Section II B, Table 1)? If yes, include the name of the IRWM planning region. If not, explain.

Yes. The Greater Los Angeles Area IRWMP.

Q8. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

Yes.

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q10 and Q11.

None.

Q10. ELIGIBILITY

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Not Applicable.

Q11. ELIGIBILITY

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

Not Applicable.

Q12. ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

No.

Q13. ELIGIBILITY

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

Not Applicable.

Q14. ELIGIBILITY

Does the applicant have a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, or an IRWM Plan that includes the Stormwater Resources Plan requirements specified in Section 10562 of the Water Code? Please answer yes or no. If yes, please answer Question 15 or 16, as applicable.

b) ☒ No

Q15:
ELIGIBILITY

For applicants with a Stormwater Resources Plan, does that Plan meet the standards set forth in Part 2.3 of Division 6 of the CWC? If yes, provide attachment 13.

a) ☐ Yes

b) ☐ No

Q16:
ELIGIBILITY

For applicants with an IRWM Plan, does that Plan include the Stormwater Resources Plan requirements specified in Section 10562 of the CWC? If yes, provide attachment 13.

a) ☐ Yes

b) ☒ No

NOTES TO BMS
ADMINISTRATOR

Provide notes about any potential problems you may have had with BMS that are particular to your application.

The City of Rancho Palos Verdes has strong regional support and has obtained seven letters of support from congressional members, senators, and other regional organizations and conservancy groups. Please see Att1_SWF_LettersOfSupport_2of2 to review.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY
REQUIREMENTS

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_SWF_Eligible_1of2.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments:

Att1_SWF_LettersofSupport_2of2.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL
ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2_SWF_Proof_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

ATTACHMENT
3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3_SWF_WorkPlan_1of2.pdf

Upload additional work plan components here.

Last Uploaded Attachments:

Att3_SWF_AppendixA_PSR_2of2.pdf

Upload additional work plan components here.

Upload additional work plan components here.

Upload additional work plan components here.

ATTACHMENT 4:
BUDGET

Upload the Budget here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att4_SWF_Budget_1of1.pdf

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att5_SWF_Schedule_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att6_SWF_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

ATTACHMENT 7: ECONOMIC ANALYSIS - FLOOD DAMAGE REDUCTION COSTS AND BENEFITS

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att7_SWF_DReduce_1of1.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

ATTACHMENT 8: ECONOMIC ANALYSIS - WATER SUPPLY COSTS AND BENEFITS

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att8_SWF_WSBen_1of1.pdf

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

ATTACHMENT 9: WATER QUALITY AND OTHER EXPECTED BENEFITS

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att9_SWF_WQOtherBen_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

ATTACHMENT 10: COSTS AND BENEFITS SUMMARY

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att10_SWF_CBSummary.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

ATTACHMENT 11: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att11_SWF_Preference_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

ATTACHMENT 12: AB1420 AND WATER METER COMPLIANCE INFORMATION

Upload AB1420 and Water Meter Compliance Information here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Upload additional AB1420 and Water Meter Compliance documentation here.

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ATTACHMENT 13: STORMWATER RESOURCES PLAN

This attachment is only necessary if the applicant has an existing Stormwater Resources Plan, pursuant (commencing with Section 10560) of Division 6 of the Water Code and answered "yes" to Q15 or Q16.

The summary text must be no more than 5 pages in length using a minimum of 10-point type font. Excerpts from the Plan must not exceed 15 pages.

Attachment 13 must provide the following:

Identify and include portions of the applicable Plan that demonstrate all of the standards of Part 2.3 (commencing with Section 10560) of Division 6 of the CWC.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.